

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
 Data File : PR059754.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 22:29
 Operator : YP\AJ
 Sample : 01627-07
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 07:58:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 12:41:32 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.690	2.906	56902122	81632412	19.046	18.859
2)	SA Decachlor...	9.659	8.138	51486016	73878236	22.447	20.942
Target Compounds							
3)	L1 AR-1016-1	4.918	4.018	245664	290768	2.676	2.058
4)	L1 AR-1016-2	4.950	4.046	271412	593215	2.084	2.898 #
5)	L1 AR-1016-3	5.015	0.000	516314	0	6.198	N.D. #
6)	L1 AR-1016-4	0.000	4.262	0	4111596	N.D.	47.690 #
7)	L1 AR-1016-5	5.432	4.478	1701080	2454136	25.835	21.920
9)	L2 AR-1221-2	4.005	3.207	1055469	1237460	46.891	43.861
12)	L3 AR-1232-2	0.000	4.046	0	593215	N.D.	6.730 #
13)	L3 AR-1232-3	4.950	0.000	271412	0	4.637	N.D. #
14)	L3 AR-1232-4	0.000	4.302	0	1509442	N.D.	37.583 #
15)	L3 AR-1232-5	5.219	4.478	3102396	2454136	138.059	53.696 #
16)	L4 AR-1242-1	4.918	4.018	245664	290768	3.363	2.630
17)	L4 AR-1242-2	4.950	4.046	271412	593215	2.653	3.672 #
18)	L4 AR-1242-3	5.015	0.000	516314	0	7.861	N.D. #
19)	L4 AR-1242-4	0.000	4.302	0	1509442	N.D.	18.728 #
20)	L4 AR-1242-5	5.913	4.846	1484679	9648219	27.674	96.170 #
21)	L5 AR-1248-1	4.918	4.018	245664	290768	4.424	3.502
22)	L5 AR-1248-2	5.219	4.262	3102396	4111596	41.882	33.905
23)	L5 AR-1248-3	5.432	4.302	1701080	1509442	19.895	12.359 #
24)	L5 AR-1248-4	5.870	4.478	2004602	2454136	22.418	16.443 #
25)	L5 AR-1248-5	5.913	4.887	1484679	1165903	16.581	8.424 #
26)	L6 AR-1254-1	5.839	4.846	4862100	9648219	52.219	42.509
27)	L6 AR-1254-2	6.079	5.005	7146855	8465599	50.568	43.429
28)	L6 AR-1254-3	6.473	5.424	7154931	12653939	48.714	40.717
29)	L6 AR-1254-4	6.787	5.670	5001818	7625699	47.171	42.265
30)	L6 AR-1254-5	7.245	6.113	5599613	11463415	47.070	41.668
31)	L7 AR-1260-1	6.655	5.565	3142762	6586773	25.879	28.668
32)	L7 AR-1260-2	6.939	5.768	3393786	5426372	24.373	20.071
33)	L7 AR-1260-3	7.306f	5.923	544803	5704443	5.112	22.199 #
34)	L7 AR-1260-4	7.556f	6.429	2364085	568464	19.257	2.670 #
35)	L7 AR-1260-5	7.915	6.695	819589	1311238	3.596	2.719
36)	L8 AR-1262-1	7.306f	6.185f	544803	1023086	3.893	3.536
37)	L8 AR-1262-2	7.915	6.429	819589	568464	3.448	2.211 #
38)	L8 AR-1262-3	8.235	0.000	817958	0	4.787	N.D. #
39)	L8 AR-1262-4	0.000	7.062	0	1364561	N.D.	3.739 #
40)	L8 AR-1262-5	8.959	0.000	234137	0	2.469	N.D. #
41)	L9 AR-1268-1	8.235	0.000	817958	0	2.669	N.D. #
42)	L9 AR-1268-2	0.000	7.062	0	1364561	N.D.	2.461 #
43)	L9 AR-1268-3	8.541	7.290	114080	200128	0.457	0.413
44)	L9 AR-1268-4	8.959	0.000	234137	0	2.132	N.D. #

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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	9.340	7.897	484810	449403	0.610	0.305 #

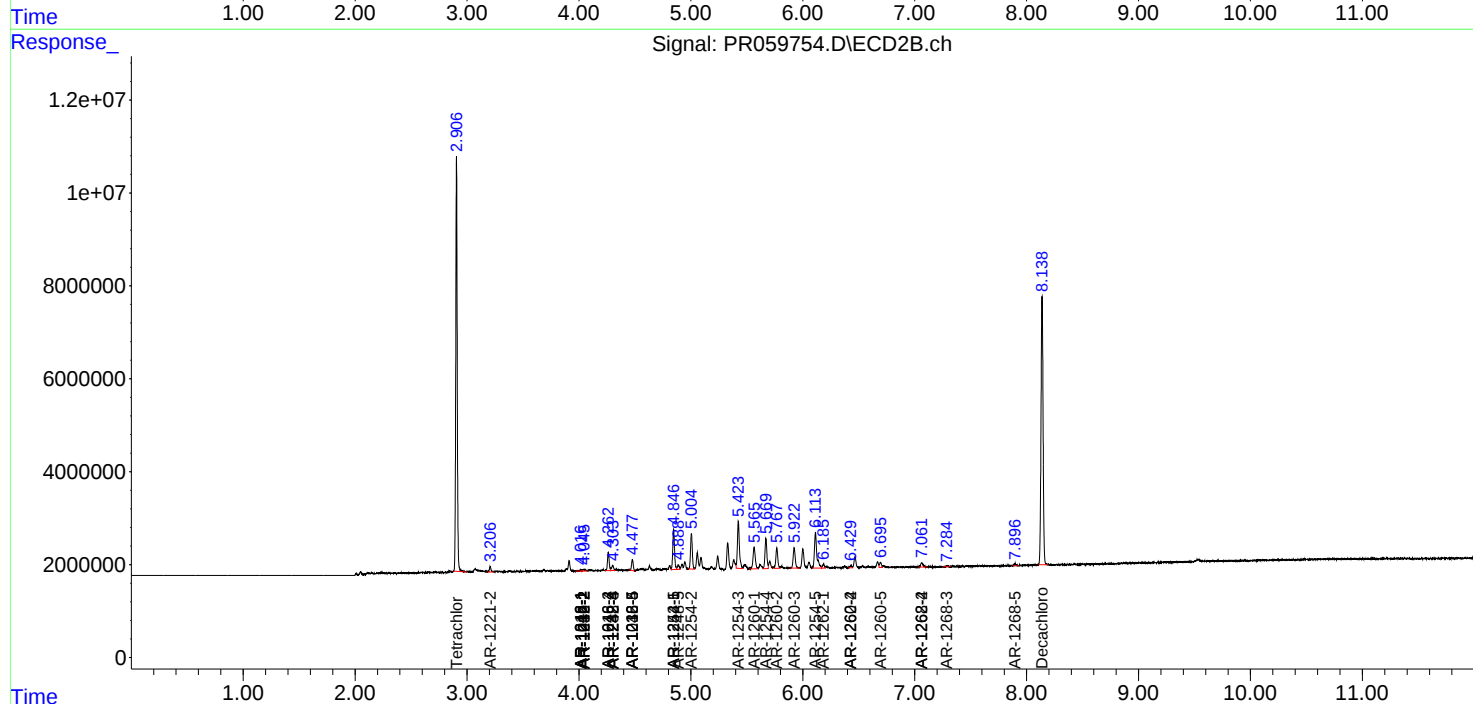
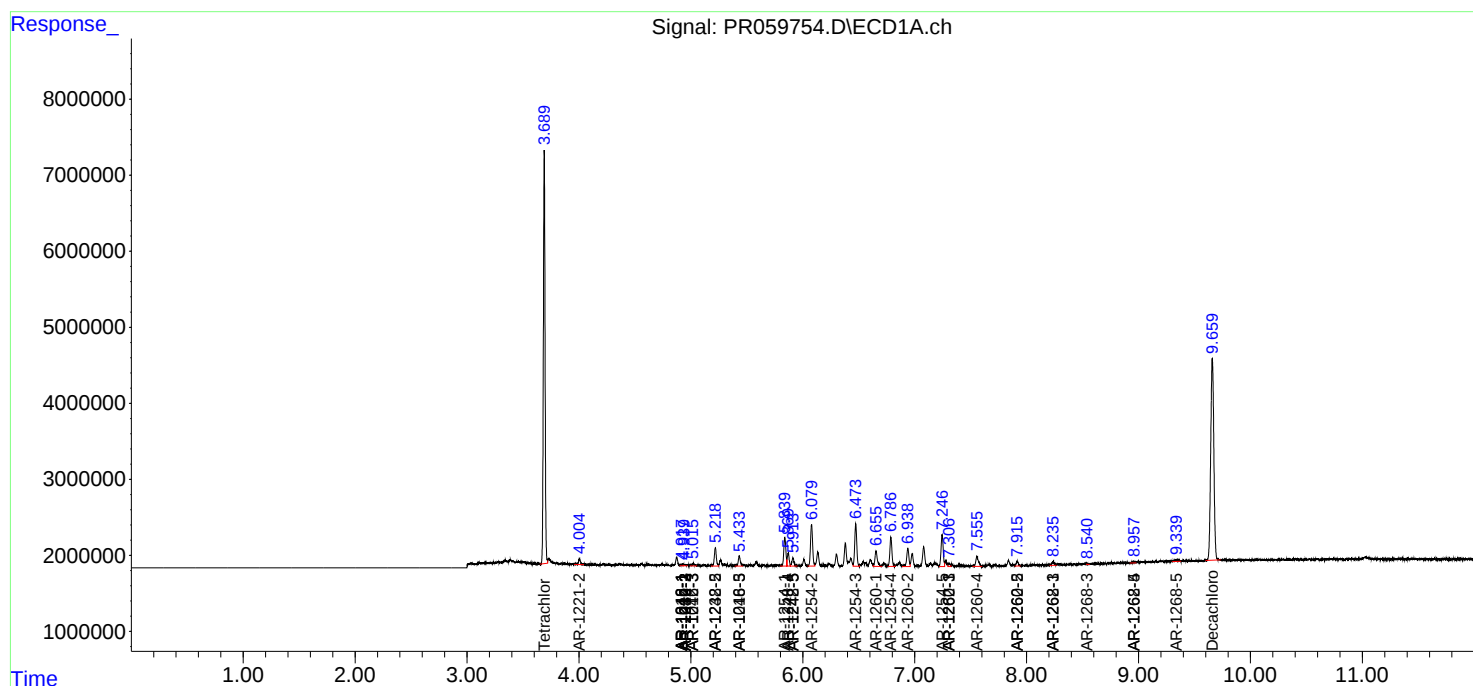
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

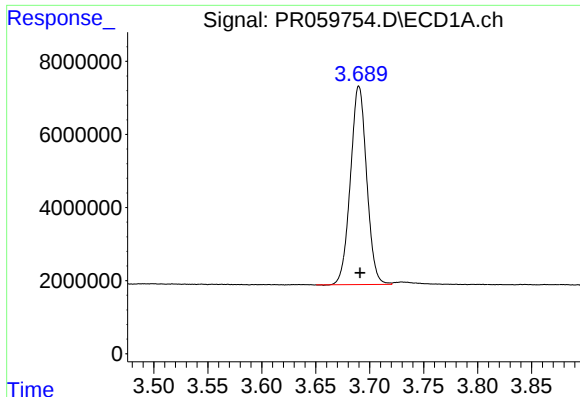
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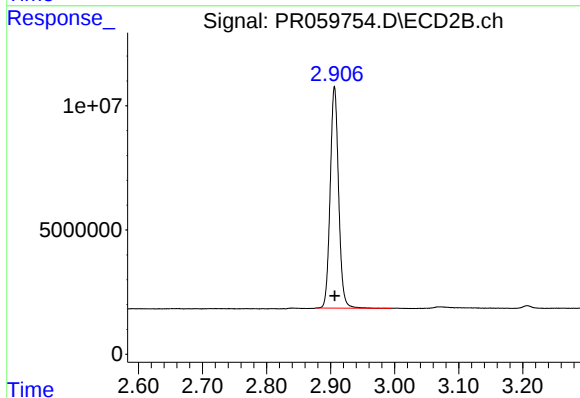




#1 Tetrachloro-m-xylene

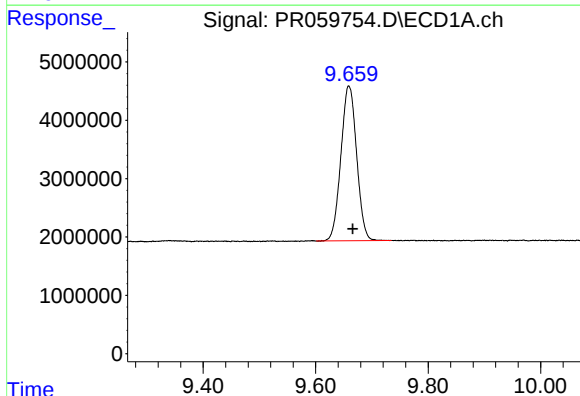
R.T.: 3.690 min
Delta R.T.: 0.000 min
Response: 56902122
Conc: 19.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



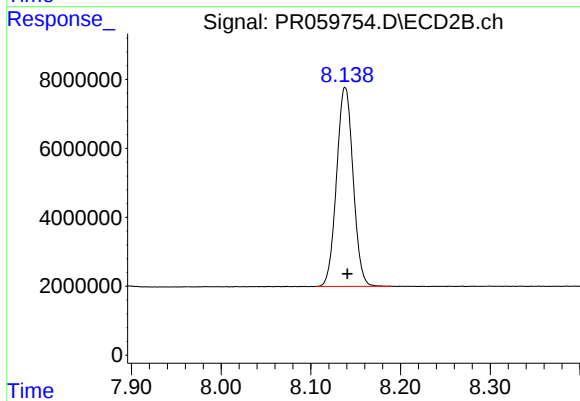
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 81632412
Conc: 18.86 ng/ml



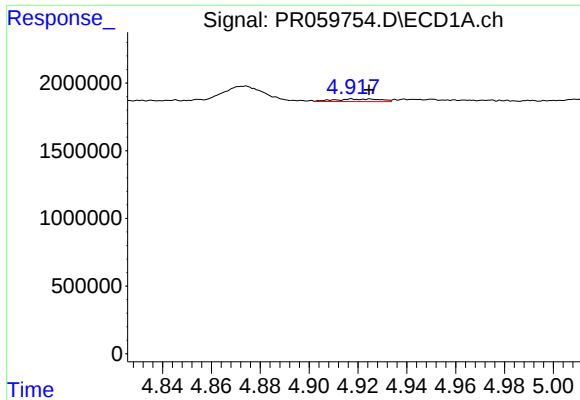
#2 Decachlorobiphenyl

R.T.: 9.659 min
Delta R.T.: -0.007 min
Response: 51486016
Conc: 22.45 ng/ml



#2 Decachlorobiphenyl

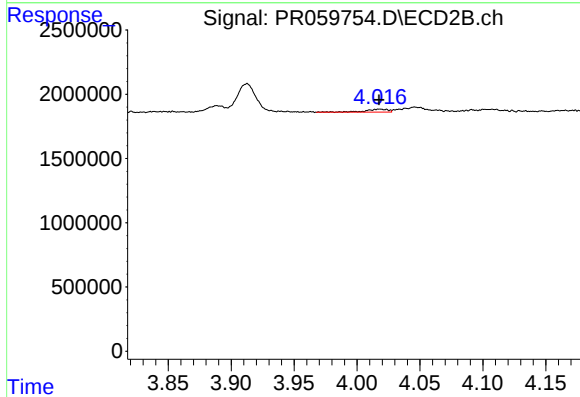
R.T.: 8.138 min
Delta R.T.: -0.003 min
Response: 73878236
Conc: 20.94 ng/ml



#3 AR-1016-1

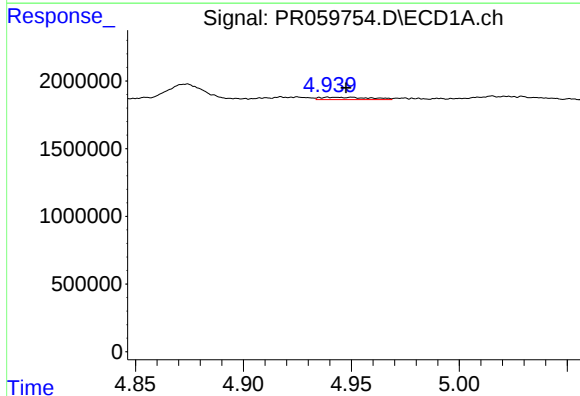
R.T.: 4.918 min
Delta R.T.: -0.007 min
Response: 245664
Conc: 2.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



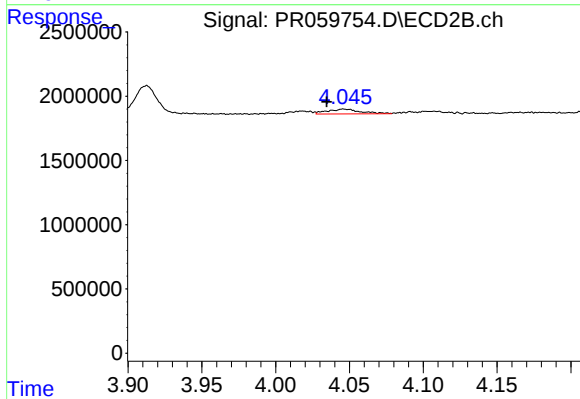
#3 AR-1016-1

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 290768
Conc: 2.06 ng/ml



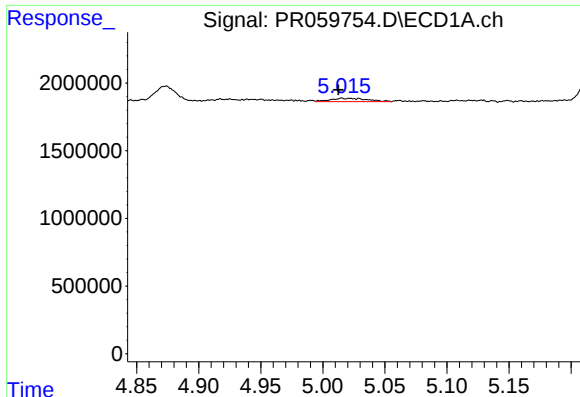
#4 AR-1016-2

R.T.: 4.950 min
Delta R.T.: 0.003 min
Response: 271412
Conc: 2.08 ng/ml



#4 AR-1016-2

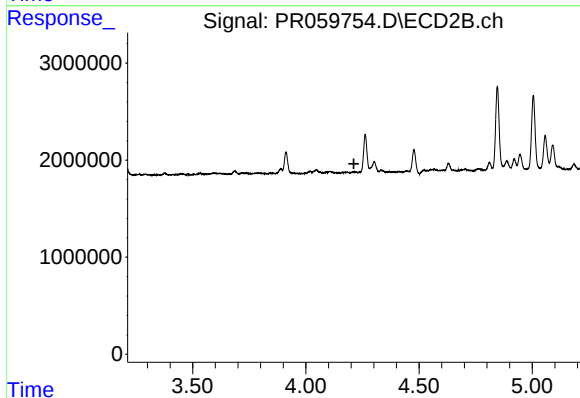
R.T.: 4.046 min
Delta R.T.: 0.011 min
Response: 593215
Conc: 2.90 ng/ml



#5 AR-1016-3

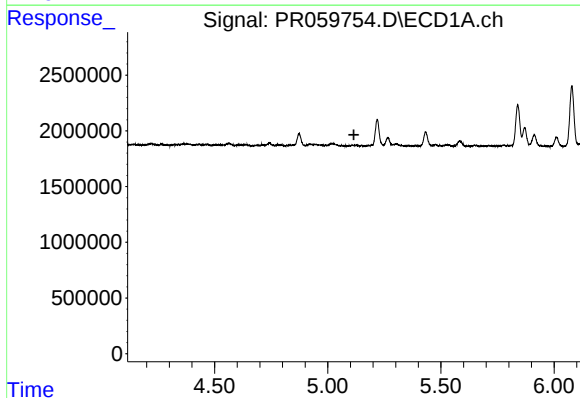
R.T.: 5.015 min
Delta R.T.: 0.003 min
Response: 516314
Conc: 6.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



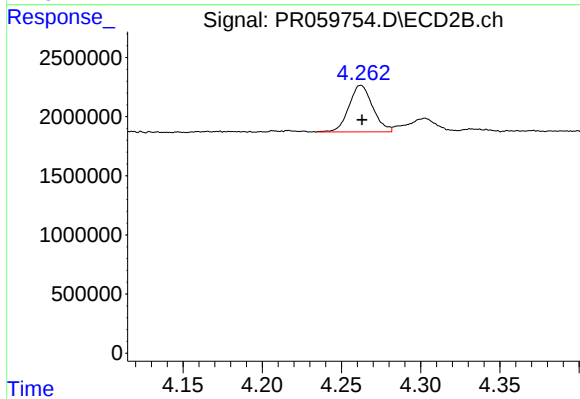
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.212 min
Response: 0
Conc: N.D.



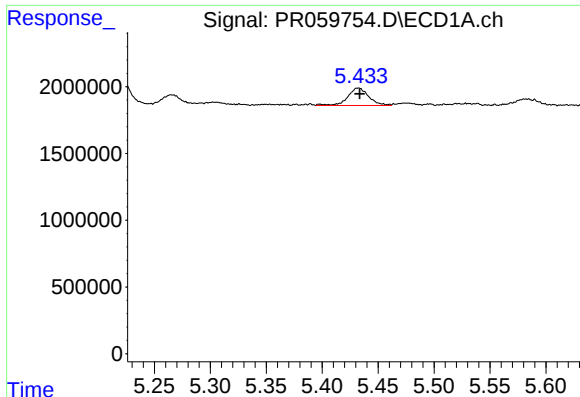
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.116 min
Response: 0
Conc: N.D.



#6 AR-1016-4

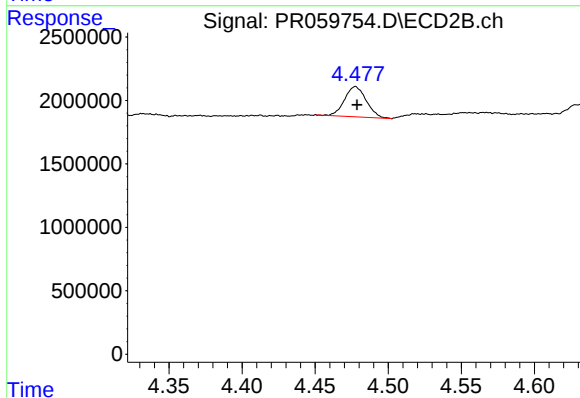
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 4111596
Conc: 47.69 ng/ml



#7 AR-1016-5

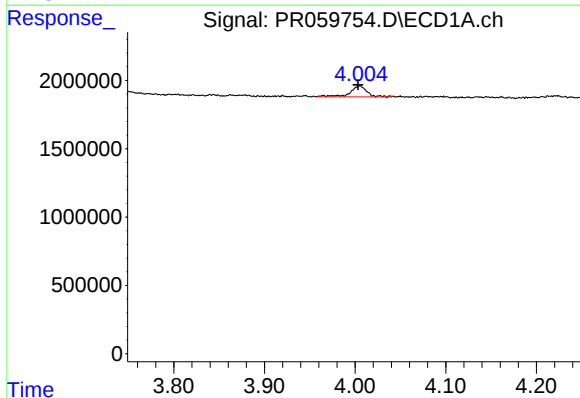
R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 1701080
Conc: 25.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



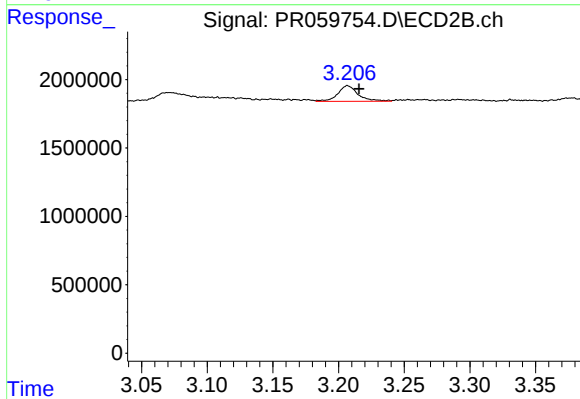
#7 AR-1016-5

R.T.: 4.478 min
Delta R.T.: -0.001 min
Response: 2454136
Conc: 21.92 ng/ml



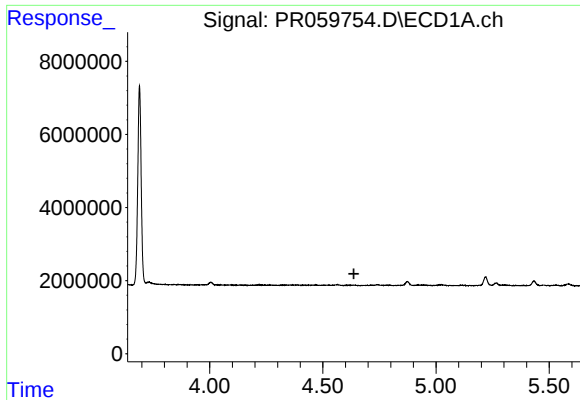
#9 AR-1221-2

R.T.: 4.005 min
Delta R.T.: 0.002 min
Response: 1055469
Conc: 46.89 ng/ml



#9 AR-1221-2

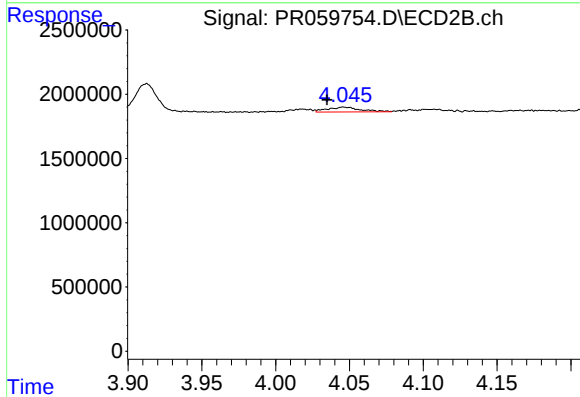
R.T.: 3.207 min
Delta R.T.: -0.009 min
Response: 1237460
Conc: 43.86 ng/ml



#12 AR-1232-2

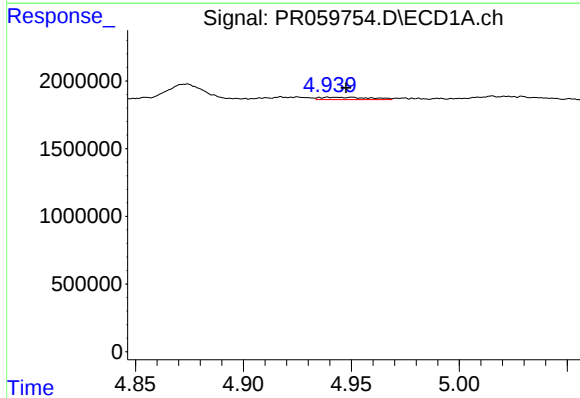
R.T.: 0.000 min
Exp R.T.: 4.637 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



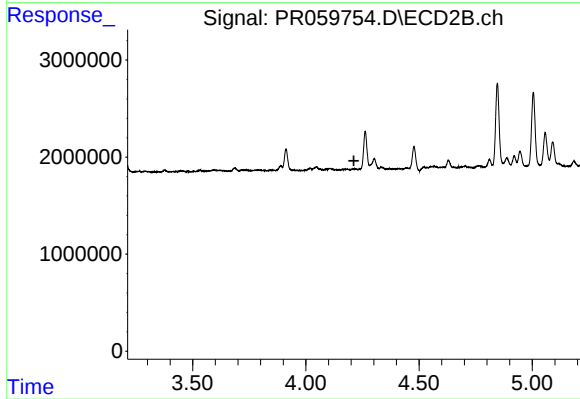
#12 AR-1232-2

R.T.: 4.046 min
Delta R.T.: 0.011 min
Response: 593215
Conc: 6.73 ng/ml



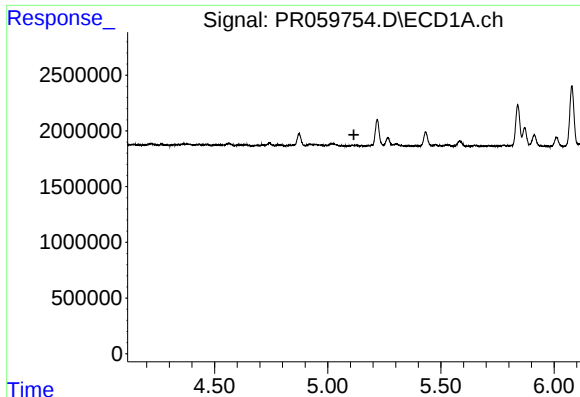
#13 AR-1232-3

R.T.: 4.950 min
Delta R.T.: 0.003 min
Response: 271412
Conc: 4.64 ng/ml



#13 AR-1232-3

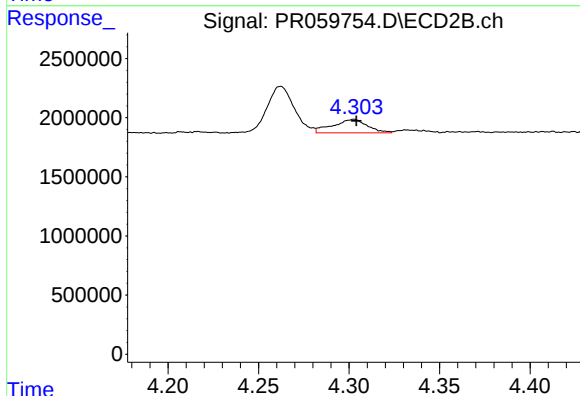
R.T.: 0.000 min
Exp R.T.: 4.212 min
Response: 0
Conc: N.D.



#14 AR-1232-4

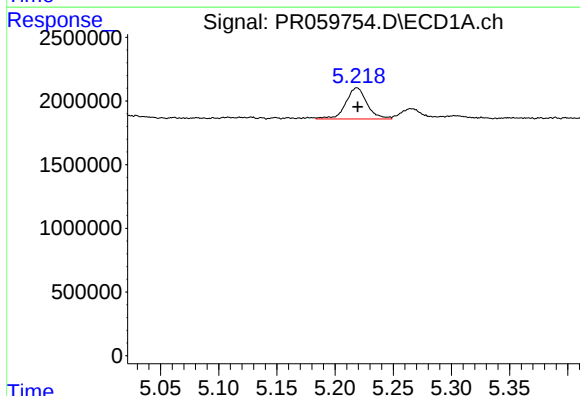
R.T.: 0.000 min
Exp R.T.: 5.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



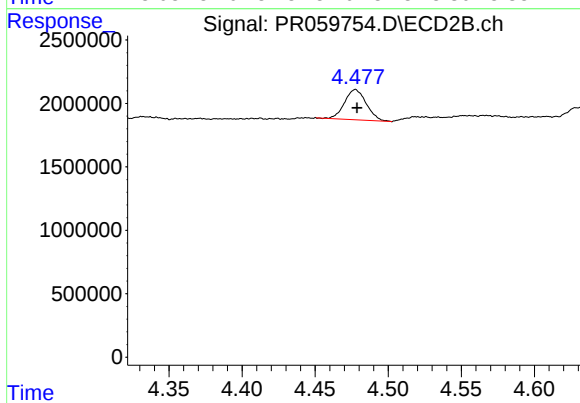
#14 AR-1232-4

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 1509442
Conc: 37.58 ng/ml



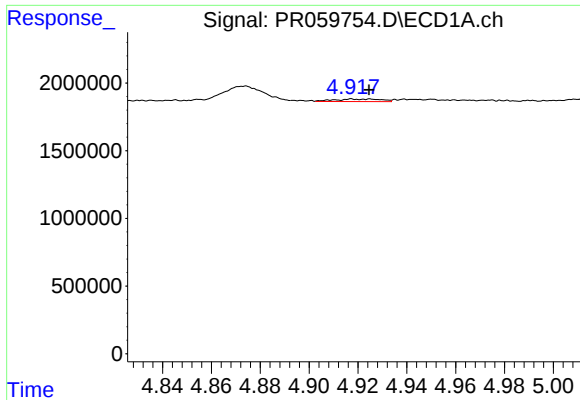
#15 AR-1232-5

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 3102396
Conc: 138.06 ng/ml



#15 AR-1232-5

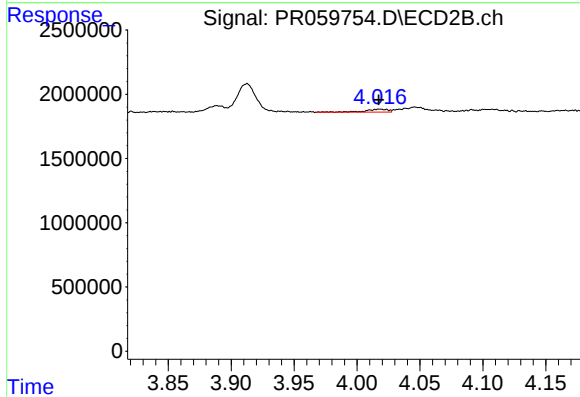
R.T.: 4.478 min
Delta R.T.: -0.001 min
Response: 2454136
Conc: 53.70 ng/ml



#16 AR-1242-1

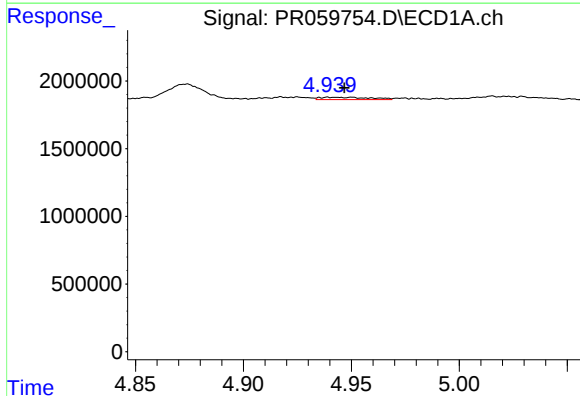
R.T.: 4.918 min
Delta R.T.: -0.007 min
Response: 245664
Conc: 3.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



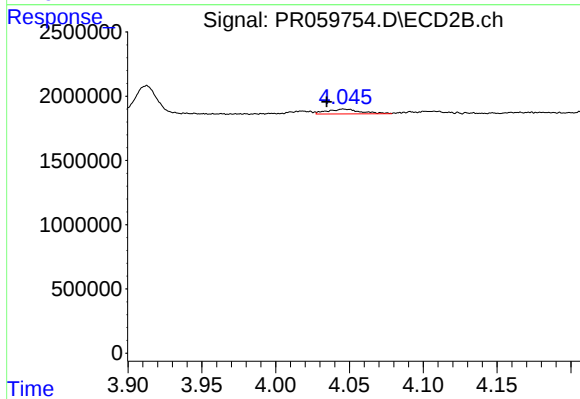
#16 AR-1242-1

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 290768
Conc: 2.63 ng/ml



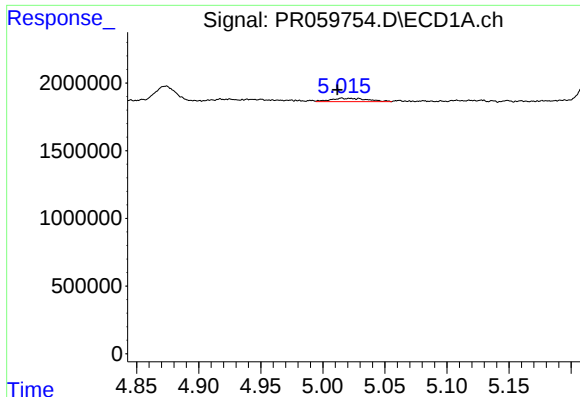
#17 AR-1242-2

R.T.: 4.950 min
Delta R.T.: 0.003 min
Response: 271412
Conc: 2.65 ng/ml



#17 AR-1242-2

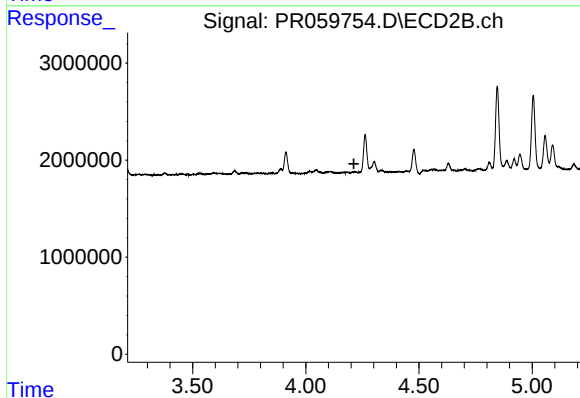
R.T.: 4.046 min
Delta R.T.: 0.011 min
Response: 593215
Conc: 3.67 ng/ml



#18 AR-1242-3

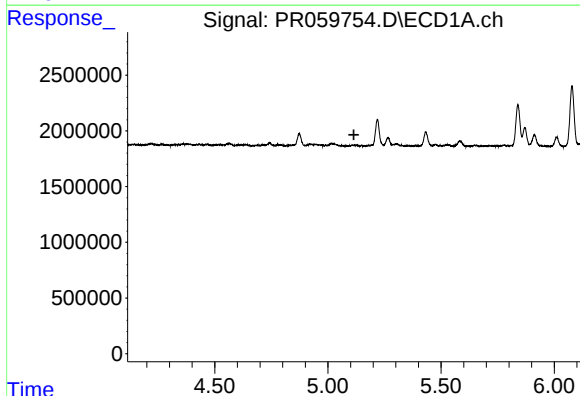
R.T.: 5.015 min
Delta R.T.: 0.003 min
Response: 516314
Conc: 7.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



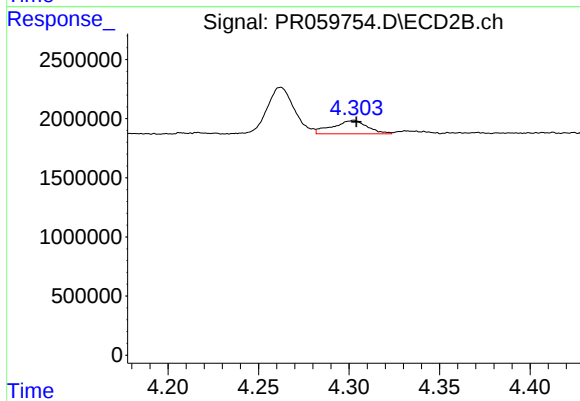
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.212 min
Response: 0
Conc: N.D.



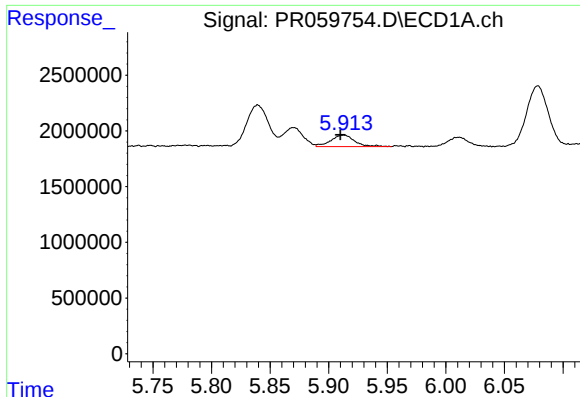
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.115 min
Response: 0
Conc: N.D.



#19 AR-1242-4

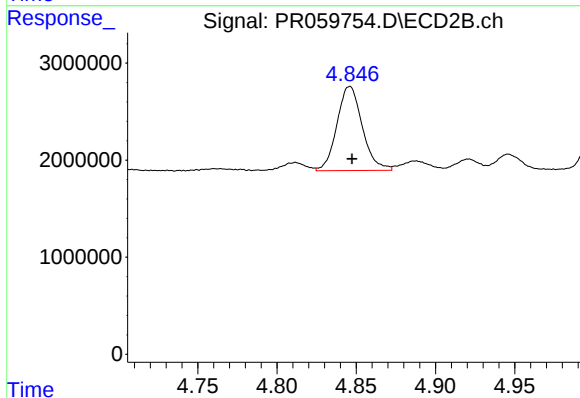
R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 1509442
Conc: 18.73 ng/ml



#20 AR-1242-5

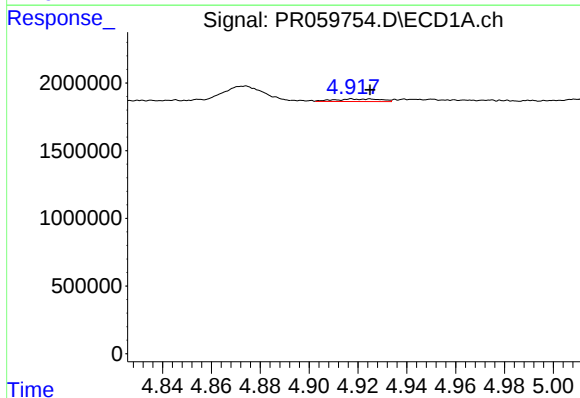
R.T.: 5.913 min
Delta R.T.: 0.003 min
Response: 1484679
Conc: 27.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



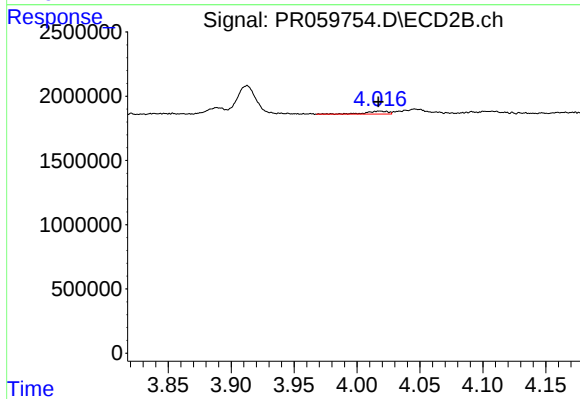
#20 AR-1242-5

R.T.: 4.846 min
Delta R.T.: -0.002 min
Response: 9648219
Conc: 96.17 ng/ml



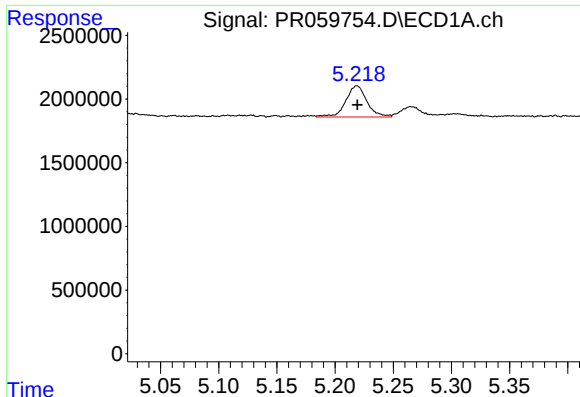
#21 AR-1248-1

R.T.: 4.918 min
Delta R.T.: -0.007 min
Response: 245664
Conc: 4.42 ng/ml



#21 AR-1248-1

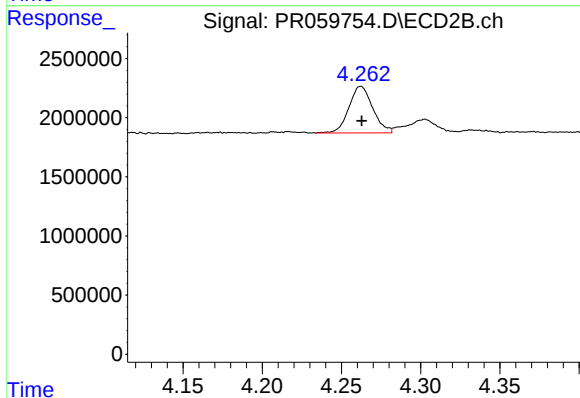
R.T.: 4.018 min
Delta R.T.: 0.001 min
Response: 290768
Conc: 3.50 ng/ml



#22 AR-1248-2

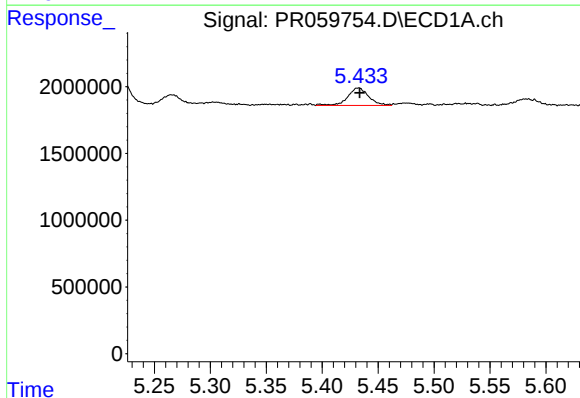
R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 3102396
Conc: 41.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



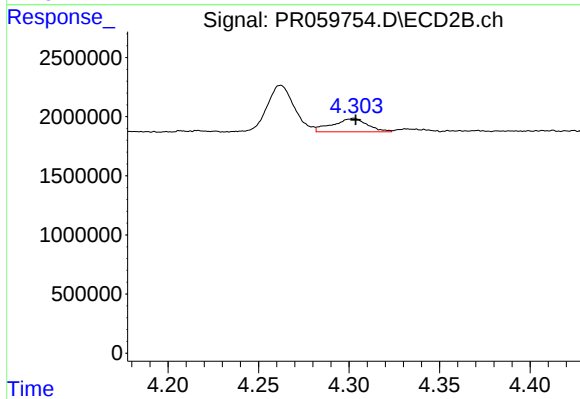
#22 AR-1248-2

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 4111596
Conc: 33.90 ng/ml



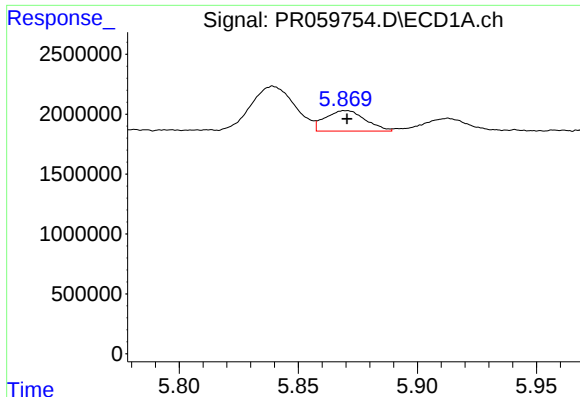
#23 AR-1248-3

R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 1701080
Conc: 19.90 ng/ml



#23 AR-1248-3

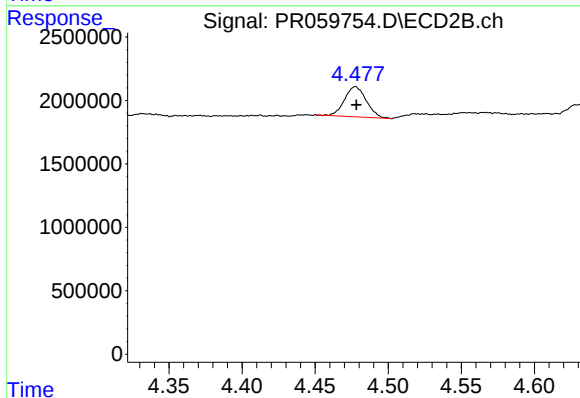
R.T.: 4.302 min
Delta R.T.: -0.001 min
Response: 1509442
Conc: 12.36 ng/ml



#24 AR-1248-4

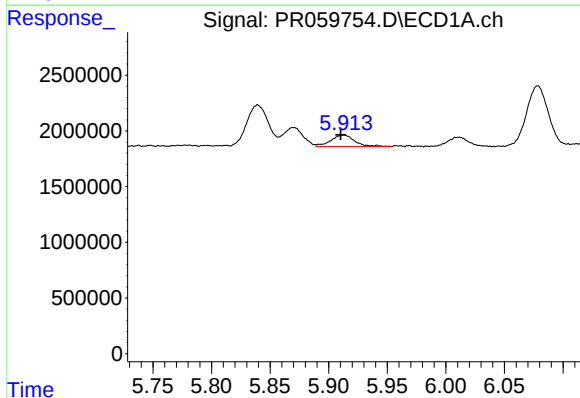
R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 2004602
Conc: 22.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



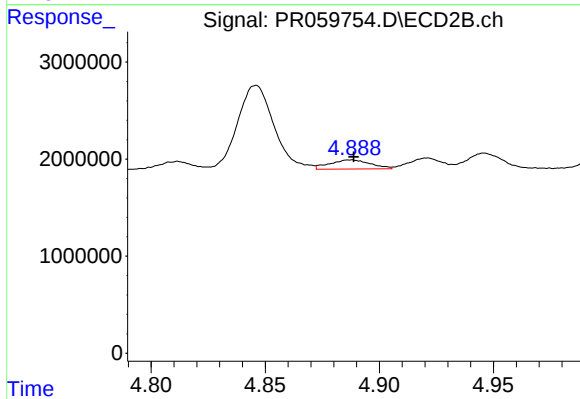
#24 AR-1248-4

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 2454136
Conc: 16.44 ng/ml



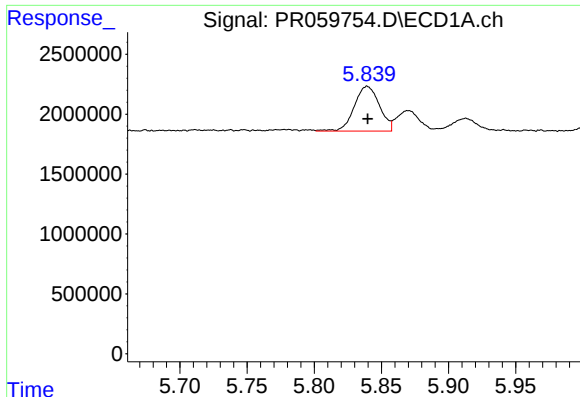
#25 AR-1248-5

R.T.: 5.913 min
Delta R.T.: 0.003 min
Response: 1484679
Conc: 16.58 ng/ml



#25 AR-1248-5

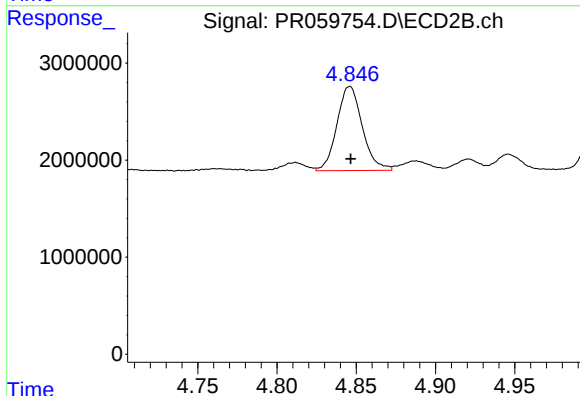
R.T.: 4.887 min
Delta R.T.: -0.001 min
Response: 1165903
Conc: 8.42 ng/ml



#26 AR-1254-1

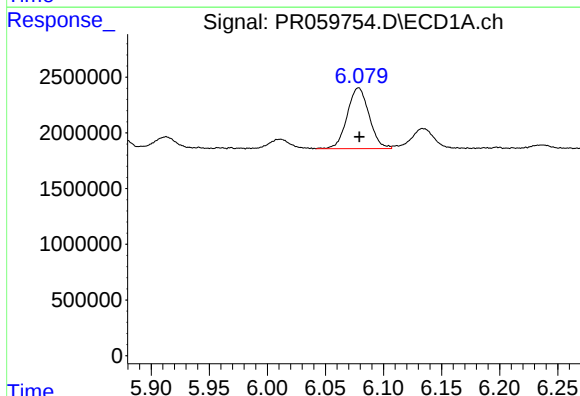
R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 4862100
Conc: 52.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



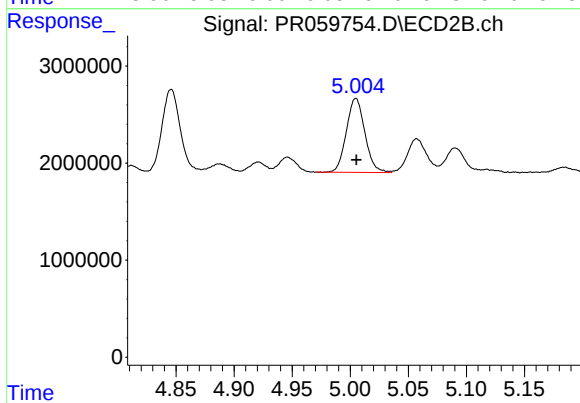
#26 AR-1254-1

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 9648219
Conc: 42.51 ng/ml



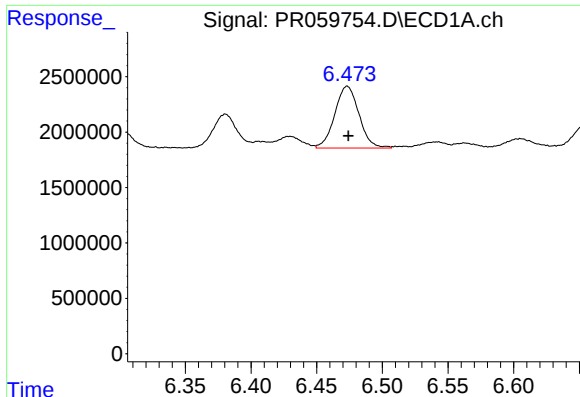
#27 AR-1254-2

R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 7146855
Conc: 50.57 ng/ml



#27 AR-1254-2

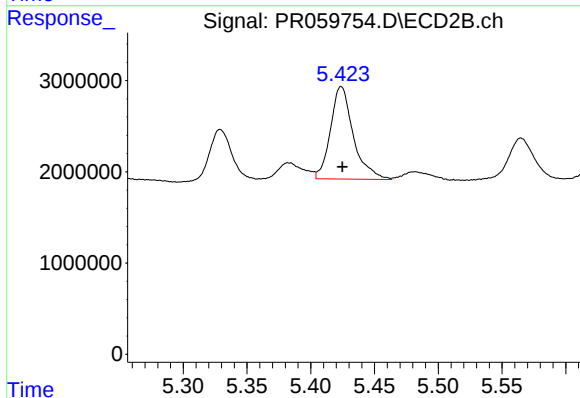
R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 8465599
Conc: 43.43 ng/ml



#28 AR-1254-3

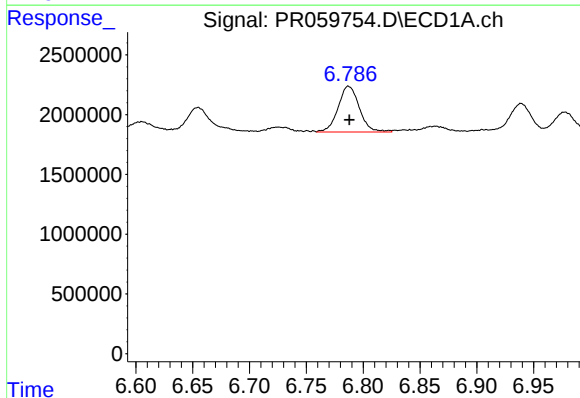
R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 7154931
Conc: 48.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



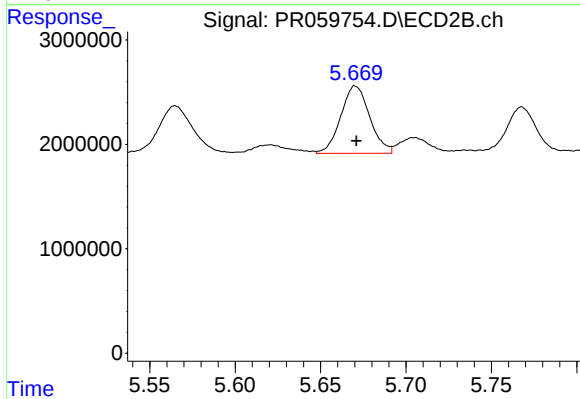
#28 AR-1254-3

R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 12653939
Conc: 40.72 ng/ml



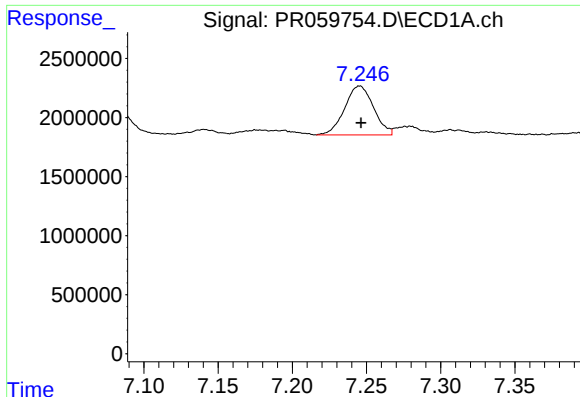
#29 AR-1254-4

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 5001818
Conc: 47.17 ng/ml



#29 AR-1254-4

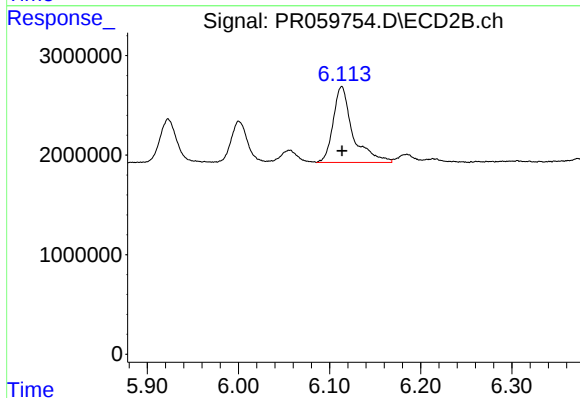
R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 7625699
Conc: 42.27 ng/ml



#30 AR-1254-5

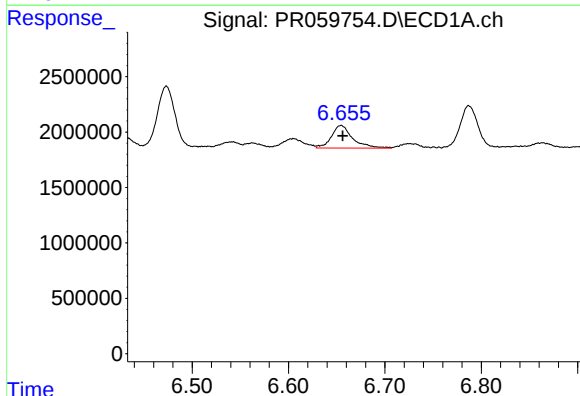
R.T.: 7.245 min
Delta R.T.: 0.000 min
Response: 5599613
Conc: 47.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



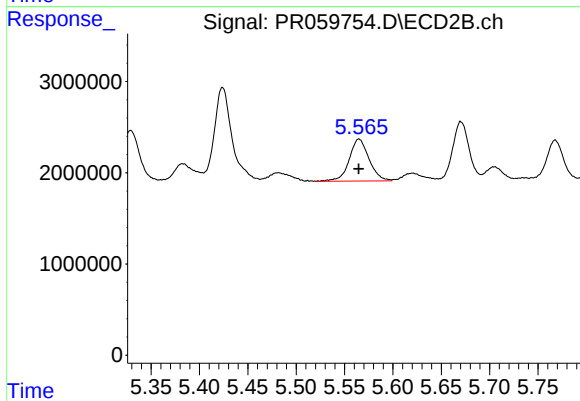
#30 AR-1254-5

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 11463415
Conc: 41.67 ng/ml



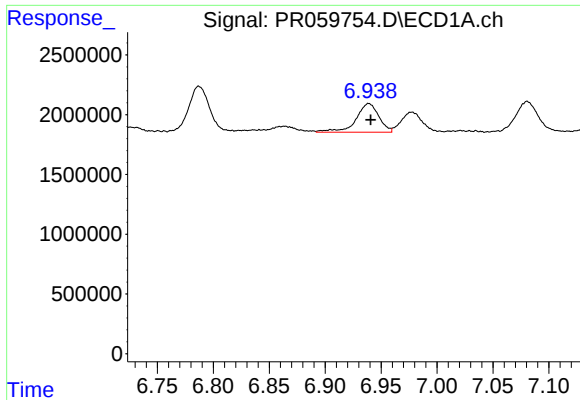
#31 AR-1260-1

R.T.: 6.655 min
Delta R.T.: -0.002 min
Response: 3142762
Conc: 25.88 ng/ml



#31 AR-1260-1

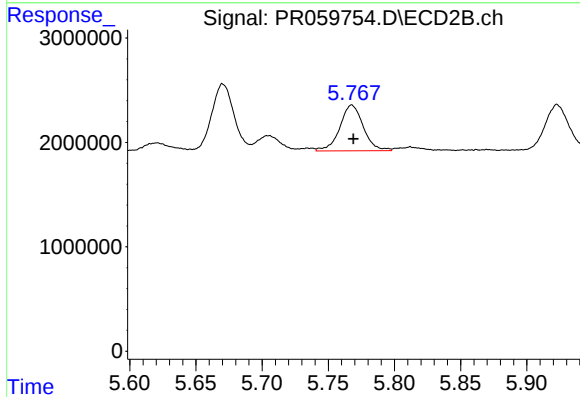
R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 6586773
Conc: 28.67 ng/ml



#32 AR-1260-2

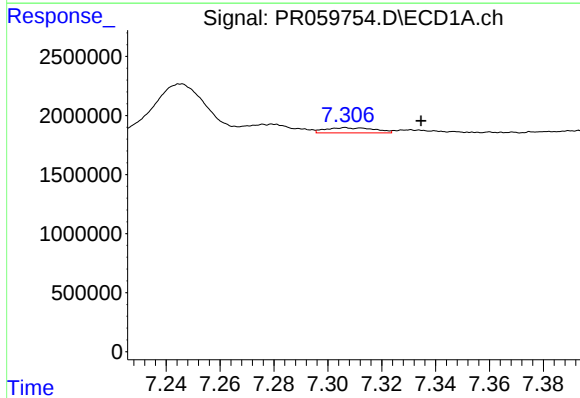
R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 3393786
Conc: 24.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



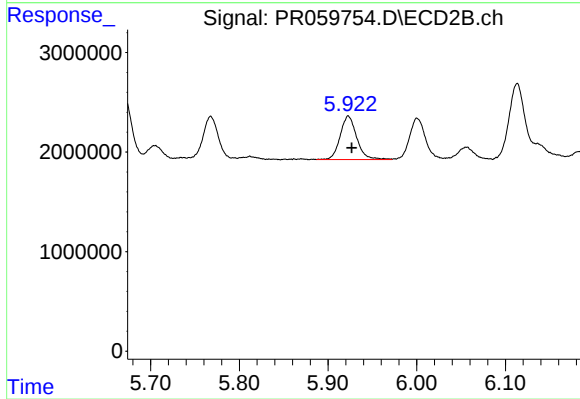
#32 AR-1260-2

R.T.: 5.768 min
Delta R.T.: -0.001 min
Response: 5426372
Conc: 20.07 ng/ml



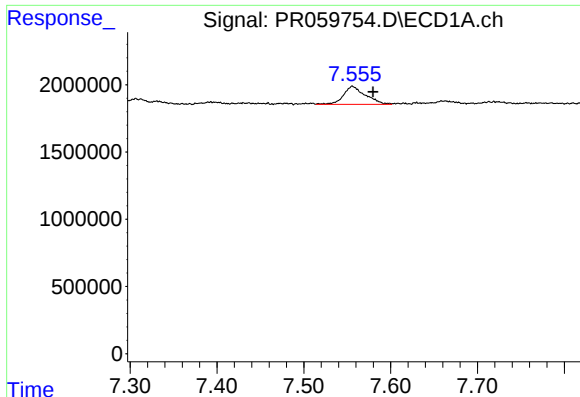
#33 AR-1260-3

R.T.: 7.306 min
Delta R.T.: -0.028 min
Response: 544803
Conc: 5.11 ng/ml



#33 AR-1260-3

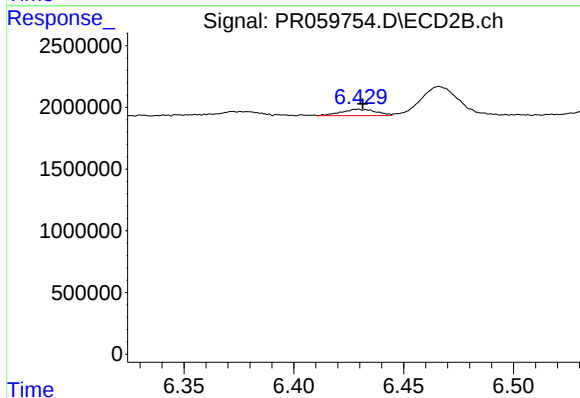
R.T.: 5.923 min
Delta R.T.: -0.004 min
Response: 5704443
Conc: 22.20 ng/ml



#34 AR-1260-4

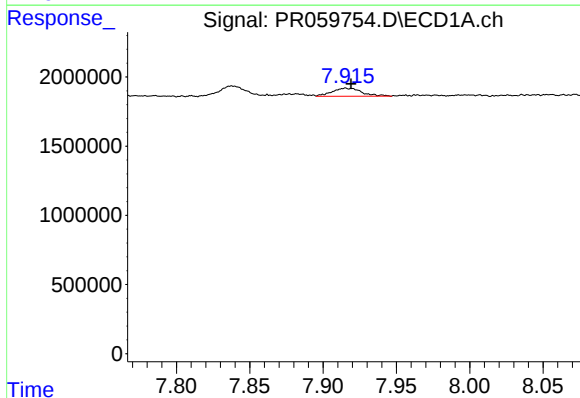
R.T.: 7.556 min
Delta R.T.: -0.024 min
Response: 2364085
Conc: 19.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



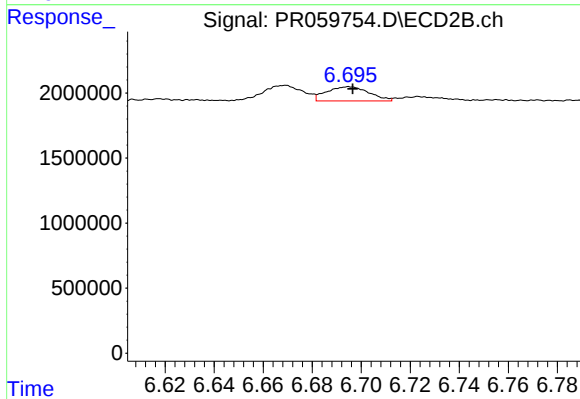
#34 AR-1260-4

R.T.: 6.429 min
Delta R.T.: -0.002 min
Response: 568464
Conc: 2.67 ng/ml



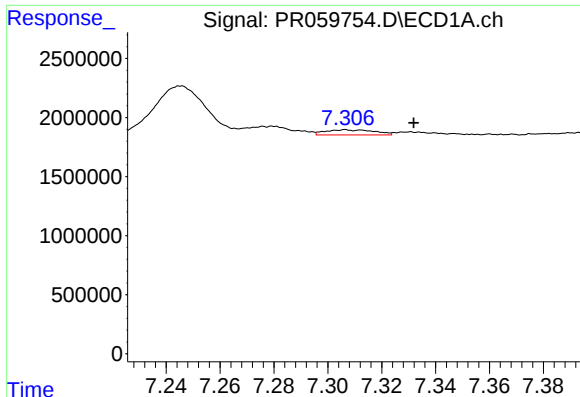
#35 AR-1260-5

R.T.: 7.915 min
Delta R.T.: -0.004 min
Response: 819589
Conc: 3.60 ng/ml



#35 AR-1260-5

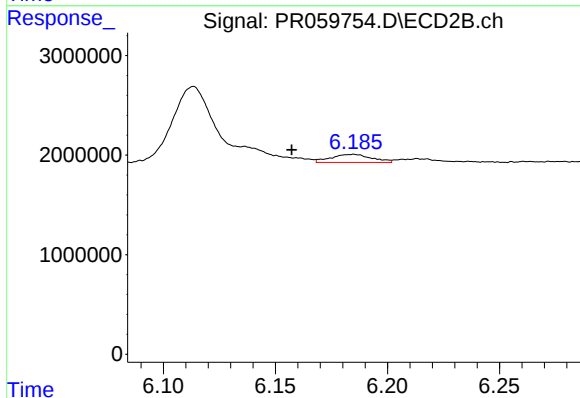
R.T.: 6.695 min
Delta R.T.: -0.001 min
Response: 1311238
Conc: 2.72 ng/ml



#36 AR-1262-1

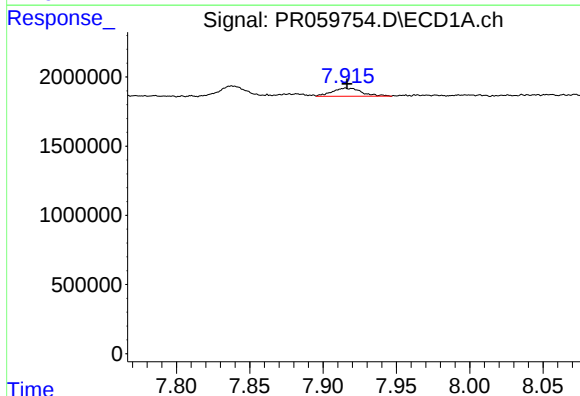
R.T.: 7.306 min
Delta R.T.: -0.025 min
Response: 544803
Conc: 3.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



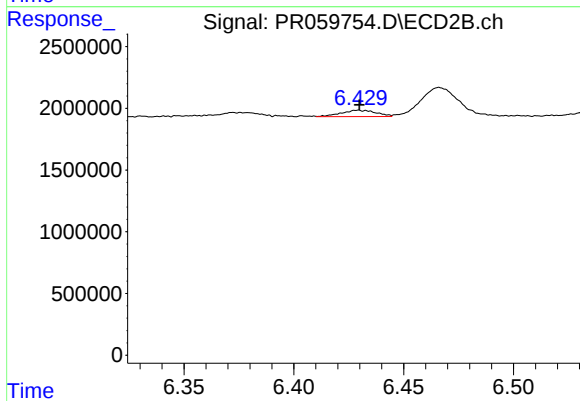
#36 AR-1262-1

R.T.: 6.185 min
Delta R.T.: 0.027 min
Response: 1023086
Conc: 3.54 ng/ml



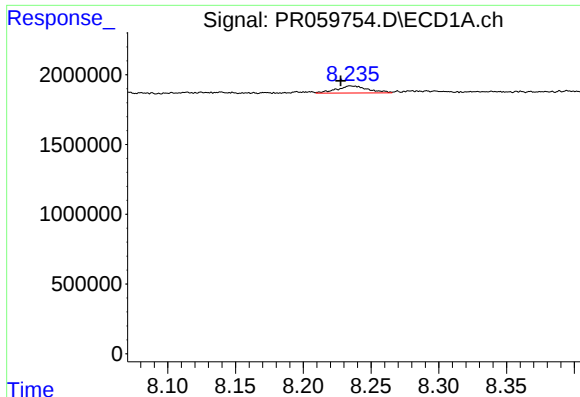
#37 AR-1262-2

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 819589
Conc: 3.45 ng/ml



#37 AR-1262-2

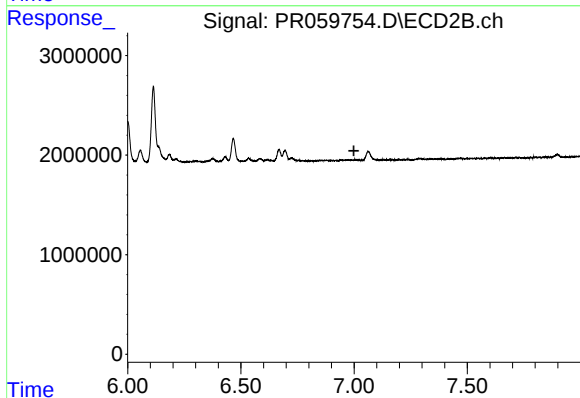
R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 568464
Conc: 2.21 ng/ml



#38 AR-1262-3

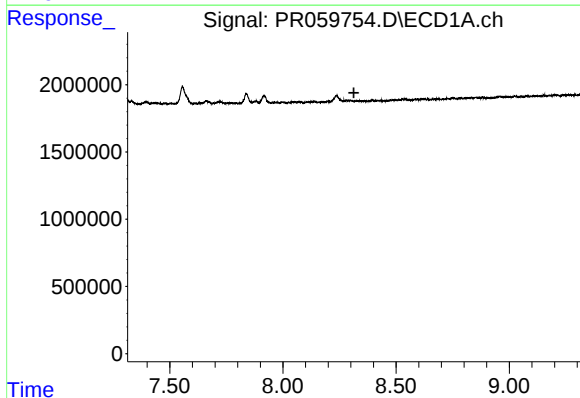
R.T.: 8.235 min
Delta R.T.: 0.007 min
Response: 817958
Conc: 4.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



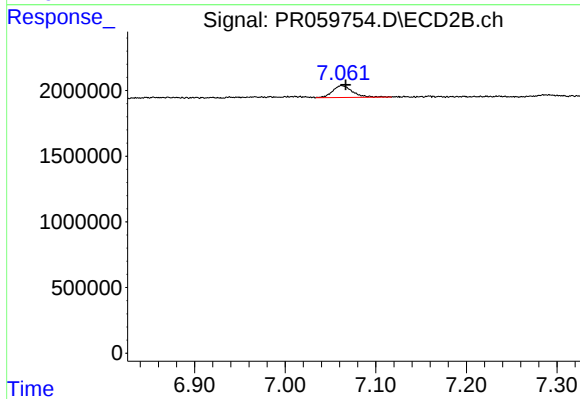
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 6.999 min
Response: 0
Conc: N.D.



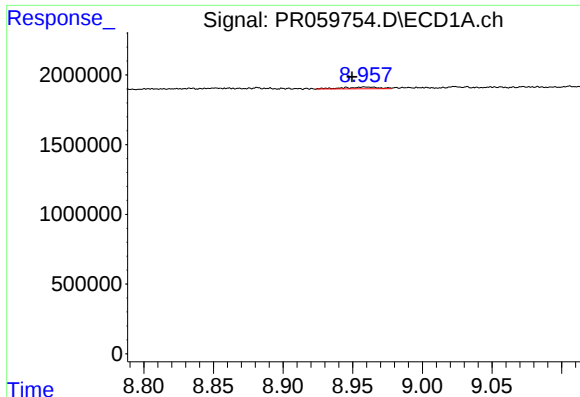
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.314 min
Response: 0
Conc: N.D.



#39 AR-1262-4

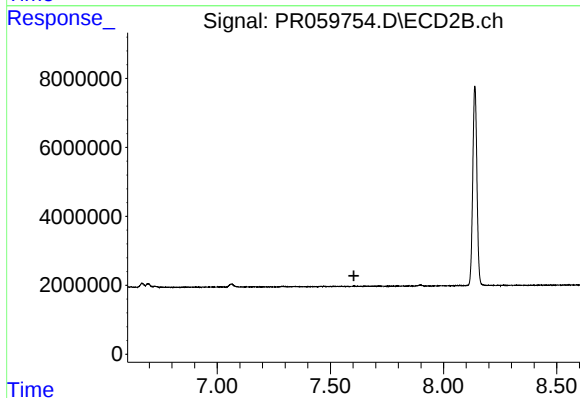
R.T.: 7.062 min
Delta R.T.: -0.005 min
Response: 1364561
Conc: 3.74 ng/ml



#40 AR-1262-5

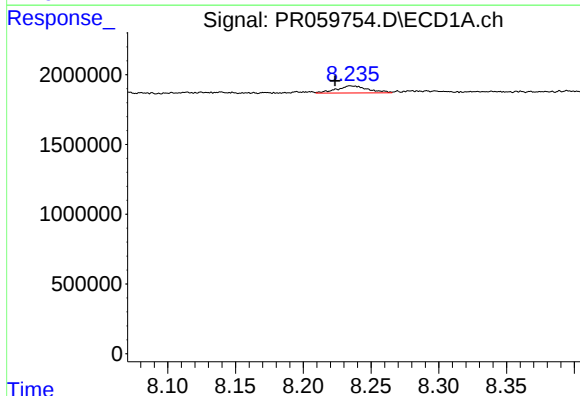
R.T.: 8.959 min
Delta R.T.: 0.009 min
Response: 234137
Conc: 2.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



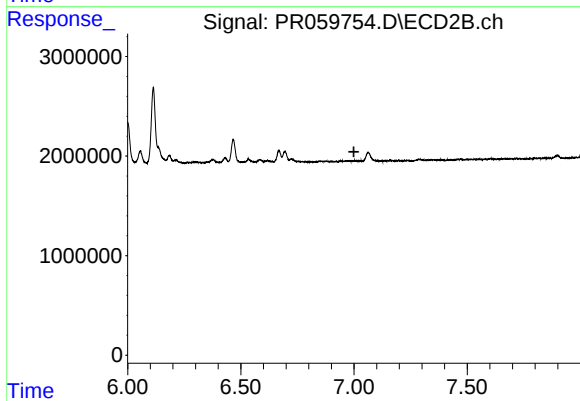
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.604 min
Response: 0
Conc: N.D.



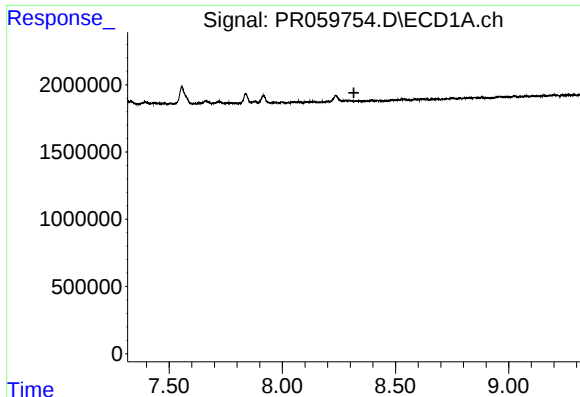
#41 AR-1268-1

R.T.: 8.235 min
Delta R.T.: 0.011 min
Response: 817958
Conc: 2.67 ng/ml



#41 AR-1268-1

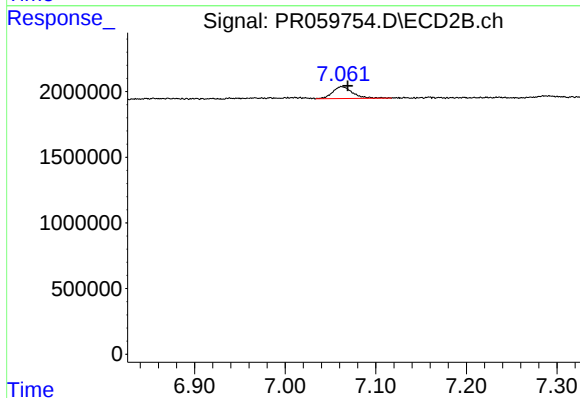
R.T.: 0.000 min
Exp R.T. : 7.000 min
Response: 0
Conc: N.D.



#42 AR-1268-2

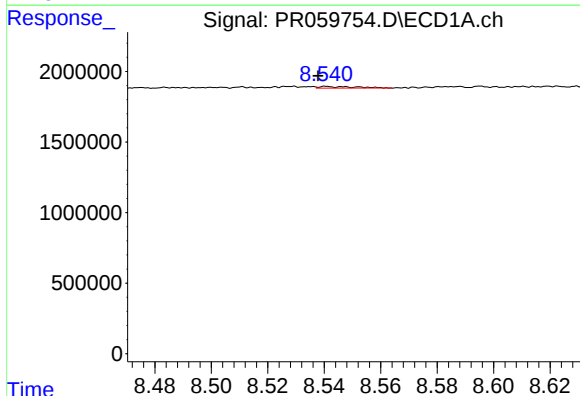
R.T.: 0.000 min
Exp R.T.: 8.316 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



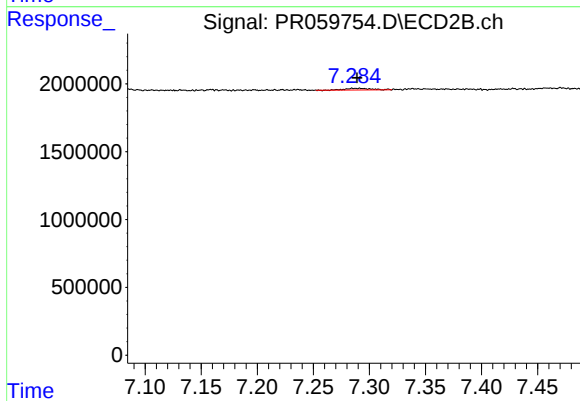
#42 AR-1268-2

R.T.: 7.062 min
Delta R.T.: -0.007 min
Response: 1364561
Conc: 2.46 ng/ml



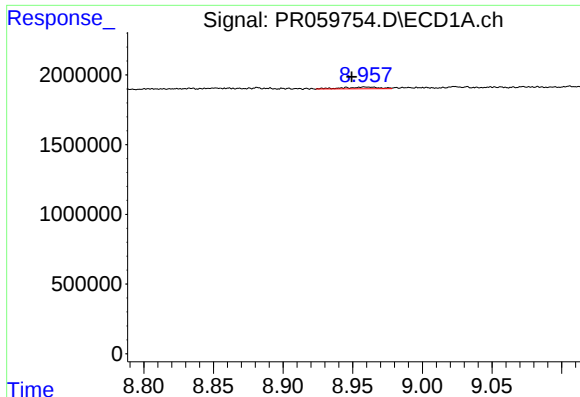
#43 AR-1268-3

R.T.: 8.541 min
Delta R.T.: 0.003 min
Response: 114080
Conc: 0.46 ng/ml



#43 AR-1268-3

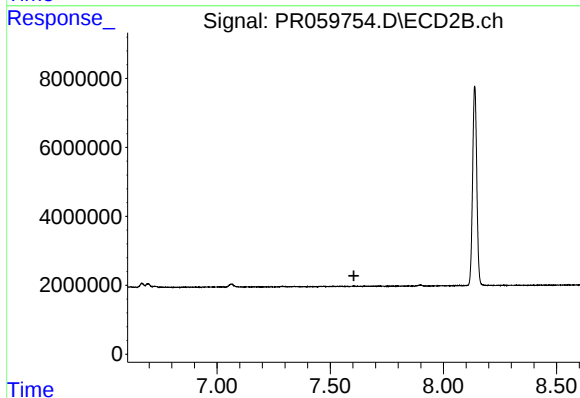
R.T.: 7.290 min
Delta R.T.: 0.001 min
Response: 200128
Conc: 0.41 ng/ml



#44 AR-1268-4

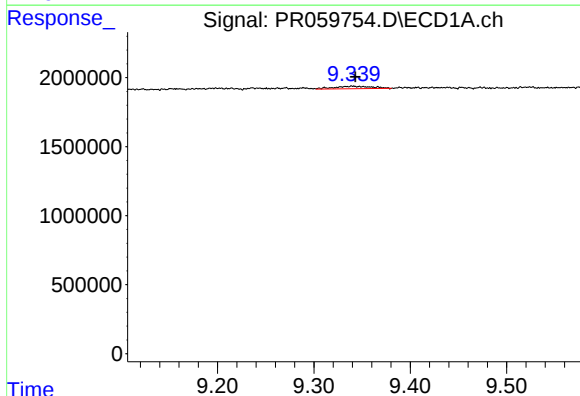
R.T.: 8.959 min
Delta R.T.: 0.010 min
Response: 234137
Conc: 2.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



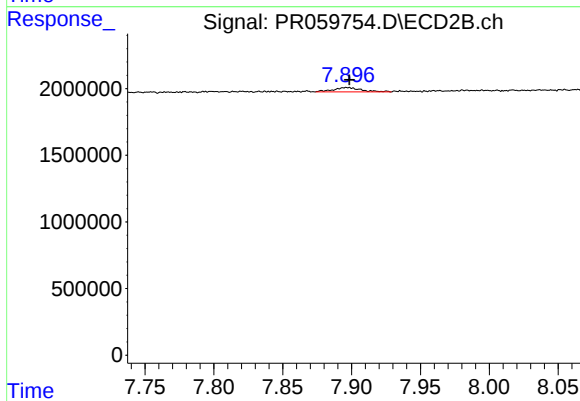
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.605 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.340 min
Delta R.T.: -0.003 min
Response: 484810
Conc: 0.61 ng/ml



#45 AR-1268-5

R.T.: 7.897 min
Delta R.T.: -0.002 min
Response: 449403
Conc: 0.31 ng/ml